

BEAM POWER TUBE 7-PIN MINIATURE TYPE

GENERAL DATA		
Electrical:		
Heater, for Unipotential Cathode: Voltage (AC or DC) Current Direct Interelectrode Capacitances (Approx.): Grid No.1 to plate Grid No.1 to cathode & grid No.3, grid No.2, and heater Plate to cathode & grid No.3,	0.15	volts amp μμf μμf
grid No.2, and heater	8.5	<i>μ</i> μ.f
Operating Position	0.650" to Osee General Spin (JEDEC No	2-3/8" 3/32" 0.750" ection T5-1/2 .E7-1)
Pin 1 - Cathode, Grid No.3 Pin 2 - Grid No.1 Pin 3 - Heater	Pin 4- Heate Pin 5- Grid Pin 6- Grid Pin 7- Plate	No.1 No.2
AMPLIFIER - Class A		
Maximum Ratings, Design-Maximum Values: PLATE VOLTAGE	150 max. 130 max. 0 max. 1.4 max. 7 max. 200 max. 200 max. 220 max.	volts volts
	← Indicates a	change.





BEAM POWER TUBE

Typical Operation and Characteristics:	
Plate Voltage	volts
Grid-No.2 Voltage	volts
Grid-No.1 Voltage8	volts
Peak AF Grid-No.1 Voltage 8	volts
Zero-Signal Plate Current 49	ma
MaxSignal Plate Current 50	ma
Zero-Signal Grid-No.2 Current 4	ma
MaxSignal Grid-No.2 Current 8.5	ma
Plate Resistance (Approx.) 10000	ohms
Transconductance 7500	μπhos]
Load Resistance 2500	ohms
Total Harmonic Distortion 10	%
MaxSignal Power Output 2.3	watts
Maximum Circuit Values:	

Grid-No.1-Circuit Resistance:
For fixed-bias operation 0.1 max. megohm
For cathode-bias operation 0.5 max. megohm

NOTE: Except for a different basing arrangement, which simplifies the problem of meeting Underwriters' Laboratories requirements in the design of ac/dc receivers, the 50C5 is similar to the miniature type 50B5.

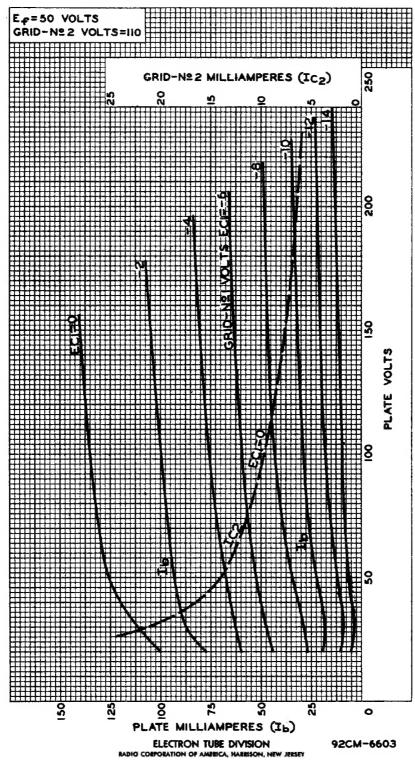
→Indicates a change.

O Without external shield.

[▲] The dc component must not exceed 100 volts.



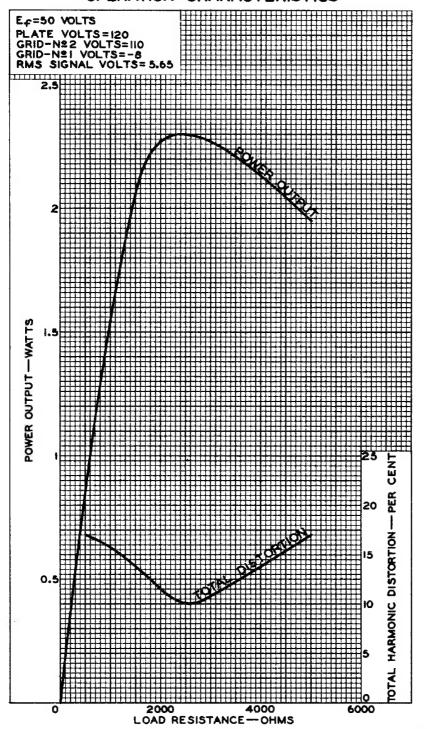
AVERAGE CHARACTERISTICS







OPERATION CHARACTERISTICS



ELECTRON TUBE DIVISION RADIO CORPORATION OF AMERICA, HARRISON, HEW JERSEY

92CM-6612Rt